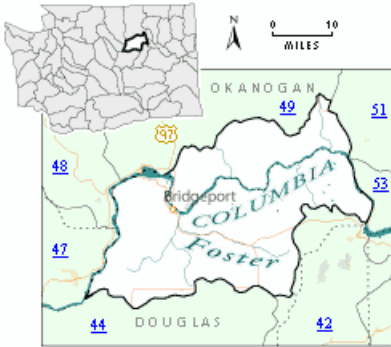


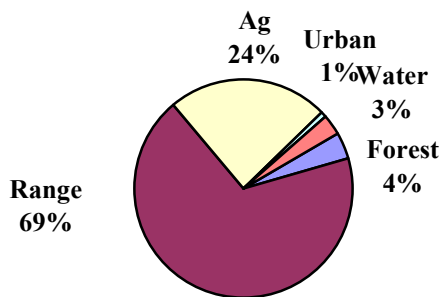
## Foster Basin - WRIA #50



WRIA #50 encompasses about 578,182 acres. Located within the Columbia Basin and Northern Rockies ecoregion, this watershed receives 10 inches of rain a year.

### Demographics

#### Land use in the Foster Basin



#### Land Base (in acres)

Federal	10,410	1.8%
State	60,136	10.4%
Local	-0-	
Tribal	152,382	26.4%
Private	355,254	61.4%

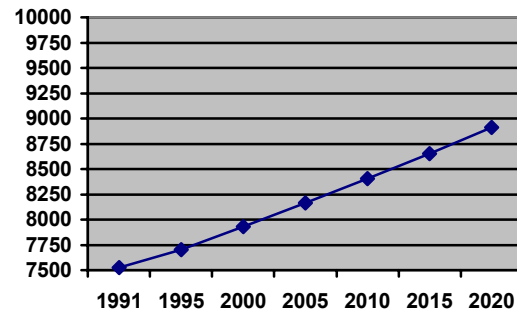
#### Principal Economic Activity (as total wages)

Agriculture	35%
Retail Trade	18%
Government	19%
Services	12%
Other	16%

### Population

There are approximately 7,703 people living in the Foster Basin. The primary population centers are Bridgeport and Mansfield.

#### Projected population trends



### Counties

Douglas (74%)  
Okanogan (26%)

### Special purpose districts

Conservation Districts: Okanogan; Foster Creek

Irrigation Districts: Bridgeport #1; Bridgeport Bar; Brewster Flat; Pateros

### Principal Cities

Bridgeport  
Mansfield

### Reservation Lands

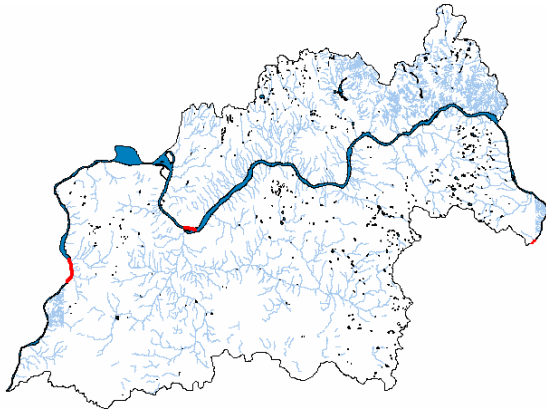
Colville Confederated Tribes

### General Landscape

This valley was impacted by the melting of the Okanogan lobe of the Wisconsin Glacier. As the glacier melted, it retreated up the valley leaving behind a blanket of glacial till. Up to 50 feet thick, the till is composed of clay, silt, sand, gravel, cobbles, and boulders. This soil supports native vegetation composed of big sagebrush, bluebunch wheatgrass, three-tip sage, and Idaho fescue.

## Surface Water Quality

303(d) listed waterbodies



### 1. 303(d) Listed Problem Areas

Total Dissolved Gas in Columbia River

#### Total Maximum Daily Loads

1 TMDL required from the 1998 303(d) list

### 2. Impacted Beneficial Uses

#### Groundwater Quality

Nitrates – Levels detected > 10 mg/L

Pesticides – Have been detected in public wells.

#### Sole Source Aquifer

None

#### Water Quantity

No Concerns

#### Air Quality

(From windblown dust)

No concerns

#### Public Health

Commercial Shellfish Growing Areas

None

#### Domestic Water Supply

No significant use of surface water sources

## Salmonid Stock Status

Healthy

### 3. Water Quality Programs

1. Watershed Planning under 2514 WAC
2. Wellhead Protection Phase 1 Study, Douglas County
3. East Foster Creek Water Quality Project, Foster CD
4. Douglas County Watershed Plan Phase II, Foster CD
5. On-site Sewage Program, Chelan-Douglas County Health